## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
In-Duk SONG	)	
	)	
Application No.: Unassigned	)	Group Art Unit: Unassigned
	)	
Filed: August 20, 2003	)	Examiner: Unassigned

For: IN-PLANE SWITCHING MODE LIQUID CRYSTAL DISPLAY DEVICE AND FABRICATION METHOD THEREOF

Commissioner for Patents

MAIL STOP PATENT APPLICATION

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application and before the mailing date of a first Office Action on the merits for the above-referenced application.

A copy of each listed document is attached. Applicant respectfully requests that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

The following are listed on the accompanying PTO-1449 and are in a language other than English.

- a. <u>Japanese Patent Application No. 9-5764</u>. The relevance of this document is shown in the English-language abstract.
- b. <u>Japanese Patent Application No. 9-73101</u>. The relevance of this document is shown in the English-language abstract.

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This submission does not represent that a search has been made or that no better art exists and do not constitute an admission that the listed documents are material or constitute "prior art." If it should be determined that the listed documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-0310.

documents, should the documents be applied against the claims of the present application.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

KA VV

Date: August 20, 2003

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## **INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

**PTO Form 1449** 

Attorney Docket No.	Serial No.	
041993-5238 Applicant	Unassigned	-
In-Duk SONG		
Filing Date	Group	
August 20, 2003	Unassigned	

## **U.S. PATENT DOCUMENTS**

*Examiner	Document				Sub	
Initial	Number	Date	Name	Class	Class	Filing Date
	5,598,285	Jan. 28, 1997	Kondo et al.			
	5,838,037	Nov. 17, 1998	Masutani et al.			
	5,946,060	Aug. 31, 1999	Nishiki et al.			
	5,990,987	Nov. 23, 1999	Tanaka			
	6,028,653	Feb. 22, 2000	Nishida			
	6,097,454	Aug. 1, 2000	Zhang et al.			
	US 6,266,166 B1	Jul. 24, 2001	Katsumata et al.			
						-
						<u> </u>

	FOREIGN PATE	NT DOCUMENTS				
Document Number	Date	Country	Class	Sub Class	Trans	lation NO
9-5764	Jan. 10, 1997	Japan			abstract	
9-73101	Mar. 18, 1997	Japan			abstract	
1 1 - 1 - 1						1 -

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
S. H. Lee et al., "High-Transmittance, "Wide-Viewing-Angle Nematic Liquid Crystal Display
Controlled by Fringe-Field Switching". Asia Display, 98, pp. 371-374.
S. Matsumoto et al., "LP-A: Display Characteristics of In-Plane-Switching (IPS) LCDs and a Wide-
Viewing-Angle 14.5-in. IPS TFT-LCD". Euro Display '96, pp. 445-448.
H. Wakemoto et al., "An Advanced In-Plane-Switching Mode TFT-LCD", SID 97 Digest, pp. 929-
932.
R. Kiefer et al., "In-Plane Switching of Nematic Liquid Crystals", Japan Display '92, pp. 547-550.
M. Ohta et al., "Development of Super-TFT-LCDs with In-Plane Switching Display Mode". Asia
Display '95, pp. 707-710.
M. Oh-e et al., "Principles and Characteristics of Electro-Optical Behaviour with In-Plane Switching
Mode". Asia Display '95, pp. 577-580.

Examiner	Date Considered
Examiner: citati appli	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through on if not in conformance and not considered. Include copy of this form with next communication to
арріі	Cant.